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January 21, 1947

The Hayden Chemical Corporation  
50 Union Square  
New York, New York

Attention: Mr. R.E. Harris

Dear Sir:

On January 16, 1947 Mr. E.R. Russell talked with you with regard to the availability of the vessel which you are currently using to keep thorium dioxide in suspension. We have run into the problem of keeping in suspension the oxide of beryllium for intravenous injection in mice in accordance with a contemplated experiment. The minimum concentration of the beryllium oxide in solution is five grams per liter. We have encountered considerable difficulty in maintaining in suspension the beryllium oxide. It has occurred to us that the vessel you are using in your preparation "thorotrast" may well provide the answer to our problem. Mr. Russell has indicated to me that you would be willing to consider either putting our beryllium oxide into your suspension or sending to us a suitable quantity of the suspension (with directions for placing the material in the suspension). Naturally any discussion on techniques which you would not wish us to transmit to other individuals we would regard as confidential information. We would need approximately one liter of the material. It would be highly desirable from our point of view if the composition could be indicated to us.

With regard to any possible charges these would have to be arranged through our Purchasing Department and it would be appreciated, if you decide to supply us with the vessel, if you would indicate your charges to us at your earliest convenience. What help you will be able to give us will be greatly appreciated.

ARGONNE NATIONAL LABORATORY

*J.J. Hickson*

J.J. Hickson, M.D.  
Director, Medical Division

/jB

cc: J. McKinley  
E.R. Russell  
R.F.